

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| S1 | 1 | desorptive countercurrent backflush\$ | US-PGPUB; USPAT | ADJ | ON | 2008/08/21 14:03 |
| S2 | 10 | "5861050" | US-PGPUB; USPAT | ADJ | ON | 2008/08/21 14:18 |
| S3 | 4 | "4971605" | US-PGPUB; USPAT | ADJ | ON | 2008/08/21 14:44 |
| S5 | 1 | "20010020418" | US-PGPUB; USPAT | OR | ON | 2008/08/21 14:47 |
| S6 | 1 | "20020174857" | US-PGPUB; USPAT | ADJ | ON | 2008/08/21 14:50 |
| S7 | 7 | "0193985" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/08/21 14:52 |
| S8 | 10 | "2847586" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/08/21 14:59 |
| S9 | 16 | "1113163" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/08/21 15:00 |
| S10 | 2 | "63246462" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/08/21 15:02 |
| S11 | 5 | "10339218" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/08/21 15:06 |
| S12 | 7 | "9964223" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/08/21 15:08 |

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|-----|-------|--|---|-----|----|---------------------|
| S13 | 182 | ("phase change material" or "phase-change material" or PCM) fuel NEAR5 vapor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/08/21 15:41 |
| S14 | 40 | S13 and regen\$ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/08/21 15:42 |
| S15 | 56541 | S13 and regen\$ or desorpti\$ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/08/21 15:51 |
| S16 | 79 | S13 and (regen\$ or desorpti\$) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/08/21 15:51 |
| S17 | 35 | fuel near5 vapor wax filter (adsorp\$ or desorp\$ or sorbent) | US-PGPUB; USPAT | AND | ON | 2008/08/25 13:24 |
| S18 | 136 | (95/144).ccls. | US-PGPUB; USPAT | OR | ON | 2008/08/25 13:34 |
| S19 | 520 | (96/108).ccls. | US-PGPUB; USPAT | OR | ON | 2008/08/25 13:34 |
| S20 | 62 | S18 and phase | US-PGPUB; USPAT | OR | ON | 2008/08/25 13:34 |
| S21 | 224 | S19 and phase | US-PGPUB; USPAT | OR | ON | 2008/08/25 13:34 |
| S22 | 4 | S20 and fuel near5 vapor | US-PGPUB; USPAT | OR | ON | 2008/08/25 13:35 |
| S23 | 13 | S21 and fuel near5 vapor | US-PGPUB; USPAT | OR | ON | 2008/08/25 13:35 |
| S24 | 5 | S19 and (heat-stor\$ or (heat adj stor\$)) | US-PGPUB; USPAT | OR | ON | 2008/08/25 13:38 |
| S25 | 1 | S18 and (heat-stor\$ or (heat adj stor\$)) | US-PGPUB; USPAT | OR | ON | 2008/08/25 13:39 |
| S26 | 2 | S18 and (heat-stor\$ or (heat near5 stor\$)) | US-PGPUB; USPAT | OR | ON | 2008/08/25 13:40 |
| S27 | 28 | S19 and (heat-stor\$ or (heat near5 stor\$)) | US-PGPUB; USPAT | OR | ON | 2008/08/25 13:40 |
| S28 | 1 | WO9964223 | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2008/08/25 15:28 |
| S29 | 8 | ("5861050").URPN. | USPAT | OR | ON | 2008/08/26 16:19 |

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|-----|------|---|--------------------|----|-----|---------------------|
| S30 | 369 | "phase change" SAME (adsorp\$ or desorp\$ or sorbent) | US-PGPUB; USPAT | OR | ON | 2008/08/26 16:35 |
| S31 | 0 | (high near temperature with adsorption) and (low near temperature near desorption) and (phase near change) | US-PGPUB; USPAT | OR | ON | 2008/08/26 16:40 |
| S32 | 13 | (high near temperature with adsorption) and (low near temperature with desorption) and (phase near change) | US-PGPUB; USPAT | OR | ON | 2008/08/26 16:41 |
| S33 | 0 | "ccls."(96/108-154, 95/146, 123/518-520) with (fuel or gasoline) and vapor and ((internal adj combustion) or vehicle or automobile) and (((phase adj chang\$3) or (heat adj stor\$3)) same (adsor\$ or \$2sorbent)) | US-PGPUB; USPAT | OR | ON | 2008/09/02 09:34 |
| S34 | 7060 | (ccls.(96/108-154) orccls.(95/146)orccls. (123/518-520)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/02 09:39 |
| S35 | 26 | S34 and (fuel or gasoline) and vapor and ((internal adj combustion) or vehicle or automobile) and (((phase adj chang\$3) or (heat adj stor\$3)) same (adsor\$ or \$2sorbent)) | US-PGPUB; USPAT | OR | ON | 2008/09/02 09:40 |
| S36 | 136 | (95/144).ccls. | US-PGPUB; USPAT | OR | ON | 2008/09/02 12:39 |
| S37 | 1 | ("7163004").PN. | US-PGPUB; USPAT | OR | OFF | 2008/09/02 14:41 |
| S38 | 1 | ("6729311").PN. | US-PGPUB; USPAT | OR | OFF | 2008/09/02 14:44 |
| S39 | 25 | "4272390" "4613444" "4412931" | US-PGPUB; USPAT | OR | ON | 2009/01/27 11:06 |

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|-----|------|--|---------------------------|-----|-----|---------------------|
| S40 | 47 | ("1737822" "3528224" "3626671" "3734293" "3850592" "4026680" "4272390" "4272391" "4272392" "4273666" "4283298" "4329242" "4338208" "4402846" "4412931" "4444727" "4581049" "4585572" "4613444" "4637888" "4690769" "4869739" "4954146" "5143041" "5156178" "5194075" "5207808" "5209210" "5235955" "5268022" "5271029" "5272873" "5299545" "5305807" "5398513").PN. OR ("5861050").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/27 11:11 |
| S41 | 2 | "20050223900" | US-PGPUB; USPAT | OR | ON | 2009/01/27 13:09 |
| S42 | 4 | ("20010020418" "20050247202" "20060144228" "4951643").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/27 13:10 |
| S43 | 1 | "20060144228" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/27 13:22 |
| S44 | 7233 | (ccls.(96/108-154) orccls.(95/146)orccls. (123/518-520)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/02/10 14:43 |
| S45 | 7 | S44 and (fuel or gasoline) and vapor and ((internal adj combustion) or vehicle or automobile) and (((phase adj chang\$3) or (heat adj stor\$3)) same (adsor\$ or \$2sorbent)) and wax | US-PGPUB; USPAT | OR | ON | 2009/02/10 14:43 |
| S46 | 10 | "4272390" | US-PGPUB; USPAT | AND | ON | 2009/02/10 16:22 |
| S47 | 17 | "4613444" | US-PGPUB; USPAT | AND | ON | 2009/02/10 16:23 |
| S48 | 9 | "4412931" | US-PGPUB; USPAT | AND | ON | 2009/02/10 16:23 |

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|-----|----|--|---------------------------|----|----|---------------------|
| S49 | 47 | ("1737822" "3528224" "3626671" "3734293" "3850592" "4026680" "4272390" "4272391" "4272392" "4273666" "4283298" "4329242" "4338208" "4402846" "4412931" "4444727" "4581049" "4585572" "4613444" "4637888" "4690769" "4869739" "4954146" "5143041" "5156178" "5194075" "5207808" "5209210" "5235955" "5268022" "5271029" "5272873" "5299545" "5305807" "5398513").PN. OR ("5861050").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/11 09:23 |
|-----|----|--|---------------------------|----|----|---------------------|

2/11/2009 11:35:12 AM

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